

# Machine Learning and the Future of AI

Machine Learning

Machine Learning is a subset of Artificial Intelligence (AI) that enables computers to learn from data and make predictions or decisions without being explicitly programmed to do so.

Machine Learning is a branch of AI that focuses on the development of algorithms that can learn from and make predictions on data. It is a key component of many modern AI applications, including image recognition, natural language processing, and recommendation systems.

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SAE level 4

Waymo  
crash data trade secret data

SAE level 4

AlphaGo Zero

Leukotomy selfish gene

logical positivism logical empiricism

Universal Approximation Theorem Nash Embedding Theorems word-embedding Vector Space

Deepmind AlphaGo Zero

reward Deepmind Reward is Enough

A Treatise on Probability causation

[illegible]

causation

[illegible]

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“Confucius taught that marriage lies at the foundation of government.” causation

Marc Aurel Stein
 John Leighton Stuart

causation

[illegible]

Demis Hassabis

[illegible]

Ordered Set	Totally

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Are there really many worlds in the "Many-worlds interpretation" of Quantum Mechanics?the development of «decoherence theory» revealed that, using the standard formalism of quantum mechanics, macroscopically distinct branches of the wavefunction were almost entirely free from interference and evolve approximately classically almost

The Many-worlds Interpretation

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